



ATTACHMENT 4 – BUDGET

BUDGETS PROVIDED: SUMMARY AND DETAILED

A summary budget for the Proposal and each of the IRWMP Update planning components is provided as Table 4-1. Work Plan Tasks in this Proposal are numbered as follows:

1. Grant Administration
2. Climate Change Technical Study
3. Salt/Nutrient Management Plan
4. Upper Santa Clara River IRWMP Update

Tables 4-2 through 4-5 provide detailed budgets for each of the individual planning tasks consistent with the categories provided in the Guidelines. Also provided are the detailed fee estimates for each task, provided at the end of this Attachment.

CONSISTENCY WITH WORK PLAN AND SCHEDULE

Both the Work Plan and Schedule provide discussions of the work items under the general categories outlined in the budget and are thus consistent with the budget items provided in this attachment.

REASONABLENESS OF DETAILED COSTS AND SUPPORTING DOCUMENTATION

All detailed costs shown for each planning component are reasonable and, where applicable, supporting information has been provided to justify the cost estimates. Supporting information includes labor rates, labor categories, and labor hours; percentage of total used to approximate costs; and/or engineer's estimate or submitted low bid from contractor.

FUNDING MATCH

The proposal includes a funding match at the required 25% match. Additionally most of the individual planning work items has a funding match well above the required 25% match. The proposal funding match is 25% of the total cost of the Proposal. The matching funds will come from the general operating fund and revenue from rates.



TABLE 4-1 Summary Budget

Proposal Title: Upper Santa Clara River IRWMP 2010 Update, Proposition 84 Planning Grant

Individual Planning Item Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
Task 1	GRANT ADMINISTRATION	\$6,250	\$18,750	\$0	\$25,000	25%
Task 2	CLIMATE CHANGE TECHNICAL STUDY	\$25,750	\$77,250	\$0	\$103,000	25%
Task 3	SALT AND NUTRIENT MANAGEMENT PLAN	\$41,250	\$123,750	\$0	\$165,000	25%
Task 4	USCR IRWMP UPDATE	\$15,500	\$46,500	\$0	\$62,000	25%
	Grand Total	\$88,750	\$266,250	\$0	\$355,000	25%



TABLE 4-2 Project Budget							
Proposal Title: Upper Santa Clara River IRWMP 2010 Update, Proposition 84 Planning Grant							
Project Title: TASK 1 Grant Administration							
Budget Category		Non- State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match	Schedule
Subtask 1.1	Quarterly Report 1	\$231	\$694	\$0	\$925	25%	Apr 2011
	Quarterly Report 2	\$231	\$694	\$0	\$925	25%	Jul 2011
	Quarterly Report 3	\$231	\$694	\$0	\$925	25%	Oct 2011
	Quarterly Report 4	\$231	\$694	\$0	\$925	25%	Jan 2012
	Quarterly Report 5	\$231	\$694	\$0	\$925	25%	Apr 2012
	Quarterly Report 6	\$231	\$694	\$0	\$925	25%	Jul 2012
	Quarterly Report 7	\$231	\$694	\$0	\$925	25%	Oct 2012
Subtask 1.2	Grant Agreement Completion Final Report	\$1,381	\$4,144	\$0	\$5,525	25%	Jan 2013
Subtask 1.3	Administration	\$3,250	\$9,750	\$0	\$13,000	25%	Jan 2011- Jan 2013
	Grand Total	\$6,250	\$18,750	\$0	\$25,000	25%	
*List sources of funding: General operating fund and revenue from rates.							



TABLE 4-3 Project Budget

Proposal Title: Upper Santa Clara River IRWMP 2010 Update, Proposition 84 Planning Grant

Project Title: TASK 2 Climate Change Technical Study

Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match	Schedule
Subtask 2.1	Describe Legislative and Policy Context	\$480	\$1,440	\$0	\$1,920	25%	Mar 2011 - May 2011
Subtask 2.2	Identify Vulnerability to Climate Change	\$8,760	\$26,280	\$0	\$35,040	25%	May 2011 - Jul 2011
Subtask 2.3	Discuss Adaptation to Climate Change	\$5,600	\$16,800	\$0	\$22,400	25%	Jul 2011 - Sept 2011
Subtask 2.4	Recommend Data Collection Improvements and GHG Calculation Tools for Future IRWMP Update	\$2,560	\$7,680	\$0	\$10,240	25%	Sept 2011 - Dec 2011
Subtask 2.5	Identification of Next Steps for Future IRWMP Updates	\$2,080	\$6,240	\$0	\$8,320	25%	Sept 2011 - Dec 2011
Subtask 2.6	Prepare Technical Memorandum	\$4,055	\$12,165	\$0	\$16,220	25%	Oct 2011 - Jan 2012
Subtask 2.7	Direct Project Management	\$2,215	\$6,645	\$0	\$8,860	25%	Jan 2011 - Jan 2012
Grand Total		\$25,750	\$77,250	\$0	\$103,000	25%	

***List sources of funding:** General operating fund and revenue from rates.



TABLE 4-4 Project Budget							
Proposal Title: Upper Santa Clara River IRWMP 2010 Update, Proposition 84 Planning Grant							
Project Title: TASK 3 Salt and Nutrient Management Plan							
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match	Schedule
Subtask 3.1	Establish Objectives	\$2,150	\$6,450	\$0	\$8,600	25%	Jan 2011 - Feb 2011
Subtask 3.2	Salt and Nutrient Source Identification	\$3,940	\$11,820	\$0	\$15,760	25%	Feb 2011 - May 2011
Subtask 3.3	Summarize Existing GW Monitoring	\$2,695	\$8,085	\$0	\$10,780	25%	Feb 2011 - May 2011
Subtask 3.4	Summarize Existing GW Quality Data	\$4,260	\$12,780	\$0	\$17,040	25%	Feb 2011 - May 2011
Subtask 3.5	Evaluate Constituent Effects on Groundwater	\$6,005	\$18,015	\$0	\$24,020	25%	May 2011 - Oct 2011
Subtask 3.6	Develop Recommended GW Monitoring Plan	\$5,730	\$17,190	\$0	\$22,920	25%	Sept 2011 - Feb 2012
Subtask 3.7	Anti-Degradation Analysis	\$3,435	\$10,305	\$0	\$13,740	25%	Feb 2012 - May 2012
Subtask 3.8	Prepare Salt and Nutrient Management for Submittal to RWQCB	\$8,560	\$25,680	\$0	\$34,240	25%	Feb 2012 - Jun 2012
Subtask 3.8	Direct Project Management	\$4,475	\$13,425	\$0	\$17,900	25%	Jan 2011 - Jun 2012
Grand Total		\$41,250	\$123,750	\$0	\$165,000	25%	
*List sources of funding: General operating fund and revenue from rates.							



TABLE 4-5 Project Budget

Proposal Title: Upper Santa Clara River IRWMP 2010 Update, Proposition 84 Planning Grant

Project Title: TASK 4 USCR IRWMP UPDATE

Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match	Schedule
Subtask 4.1	Address New IRWMP Plan Standards and update existing plan	\$1,600	\$4,800	\$0	\$6,400	25%	Mar 2012-Aug 2012
Subtask 4.2	Incorporate Technical Studies into IRWMP (Tasks 2 & 3)	\$1,600	\$4,800	\$0	\$6,400	25%	Jun 2012-Aug 2012
Subtask 4.3	Integrate/Re-Prioritize Projects	\$2,880	\$8,640	\$0	\$11,520	25%	Jun 2011-Jun 2012
Subtask 4.4	Stakeholder Meetings	\$4,800	\$14,400	\$0	\$19,200	25%	Feb 2011-Oct 2012
Subtask 4.5	Prepare Draft & Final IRWMP Document	\$1,426	\$4,279	\$0	\$5,705	25%	Sept 2012-Nov 2012
Subtask 4.6	Direct Project Management	\$3,194	\$9,581	\$0	\$12,775	25%	Feb 2011 - Nov 2012
Grand Total		\$15,500	\$46,500	\$0	\$62,000	25%	

***List sources of funding: General operating fund and revenue from rates.**

Proposal Fee Estimate

Kennedy/Jenks Consultants

CLIENT Name: Castaic Lake Water Agency

PROJECT Description: USCR IRWMP UPDATE Grant Admin Task 1

Proposal/Job Number: 1089052*00 Date: 9/28/2010

January 1, 2010 Rates	Eng-Sci-9	Eng-Sci-8	Eng-Sci-7	Eng-Sci-6	Eng-Sci-5	Eng-Sci-4	Eng-Sci-3	Eng-Sci-2	Project Admin.	Admin. Assist.	Total	KJ Total Labor	KJ Comm. Charges	Sub Contr. #1	KJ Sub-Markup	KJ ODCs	KJ ODCs Markup	Total Expenses	Total Labor + Expenses
Classification:																			
Hourly Rate:	\$245	\$240	\$220	\$205	\$180	\$160	\$140	\$105	\$90	\$80	Hours	Fees	0%	Fees	10%	Fees	8%		Fees
Task 1 -Reports																			
Subtask 1.1 Quarterly Report 1		0	1				5				6	\$920	\$0		\$0	\$5	\$0	\$5	\$925
Subtask 1.1 - Quarterly Report 2		0	1				5				6	\$920	\$0		\$0	\$5	\$0	\$5	\$925
Subtask1.1 - Quarterly Report 3		0	1				5				6	\$920	\$0		\$0	\$5	\$0	\$5	\$925
Subtask1.1 - Quarterly Report 4		0	1				5				6	\$920	\$0		\$0	\$5	\$0	\$5	\$925
Subtask 1.1 - Quarterly Report 5		0	1				5				6	\$920	\$0		\$0	\$5	\$0	\$5	\$925
Subtask 1.1 -Quarterly Report 6		0	1				5				6	\$920	\$0		\$0	\$5	\$0	\$5	\$925
Subtask 1.1- Quarterly Report 7		0	1				5				6	\$920	\$0		\$0	\$5	\$0	\$5	\$925
Subtask 1.2- Grant Agreement Completion Final Report		0	1				5				6	\$920	\$0		\$0	\$5	\$0	\$5	\$925
Subtask 1.3- Administration		0	10				22		2		34	\$5,460	\$0		\$0	\$60	\$5	\$65	\$5,525
						50			50	5	105	\$12,900	\$0		\$0	\$90	\$7	\$97	\$12,997
											0	\$0	\$0		\$0	\$0	\$0	\$0	\$0
Task 1 - Subtotal	0	0	17	0	0	50	57	0	52	5	181	\$24,800	\$0	\$0	\$0	\$185	\$15	\$200	\$25,000
All Tasks Total	0	0	17	0	0	50	57	0	52	5	181	\$24,800	\$0	\$0	\$0	\$185	\$15	\$200	\$25,000

<p>CLIENT Name: <u>Castaic Lake Water Agency</u></p> <p>PROJECT Description: <u>USCR IRWMP UPDATE CLIMATE CHANGE STUDY Task 2</u></p> <p>Proposal/Job Number: <u>1089052*00</u> Date: <u>9/28/10</u></p>																	
January 1, 2010 Rates	Eng-Sci-9	Eng-Sci-8	Eng-Sci-7	Eng-Sci-6	Eng-Sci-5	Eng-Sci-4	Eng-Sci-3	CAD	Project Admin.	Admin. Assist.	Total	KJ Total Labor	KJ Comm. Charges	KJ ODCs	KJ ODCs Markup	Total Expenses	Total Labor + Expenses
Classification:																	
Hourly Rate:	\$245	\$240	\$220	\$205	\$180	\$160	\$140	\$105	\$90	\$80	Hours	Fees	0%	Fees	10%		Fees
TASK 2.1 Describe Legislation and Policy Context																	
Subtask 2.1.1 Legislative and Policy Context						12					12	\$1,920	\$0		\$0	\$0	\$1,920
Task 2.1 - Subtotal	0	0	0	0	0	12	0	0	0	0	12	\$1,920	\$0	\$0	\$0	\$0	\$1,920
											0	\$0	\$0		\$0	\$0	\$0
TASK 2.2 Identify Vulnerability to Climate Change																	
2.2.1 Define climate change scenarios		40				16					56	\$12,160	\$0		\$0	\$0	\$12,160
2.2.2 Define vulnerable watershed characteristics		16				16					32	\$6,400	\$0		\$0	\$0	\$6,400
2.2.3 Assess vulnerability sectors/variables		32				30					62	\$12,480	\$0		\$0	\$0	\$12,480
2.2.4 Rank vulnerabilities		6				16					22	\$4,000	\$0		\$0	\$0	\$4,000
Task 2.2 - Subtotal	0	94	0	0	0	78	0	0	0	0	172	\$35,040	\$0	\$0	\$0	\$0	\$35,040
											0	\$0	\$0		\$0	\$0	\$0
TASK 2.3 Discuss Adaptation to Climate Change																	
2.3.1 Discuss impacts from climate change scenarios		32				24					56	\$11,520	\$0		\$0	\$0	\$11,520
2.3.2 Develop adaptive strategies		8				8					16	\$3,200	\$0		\$0	\$0	\$3,200
2.3.3 Evaluate adaptive strategies		16				24					40	\$7,680	\$0		\$0	\$0	\$7,680
Task 2.3 - Subtotal	0	56	0	0	0	56	0	0	0	0	112	\$22,400	\$0	\$0	\$0	\$0	\$22,400
TASK 2.4 Data Improvement and Calculation Tool Recommendations																	
2.4.1 Recommend Data Collection Improvements		20				8					28	\$6,080	\$0		\$0	\$0	\$6,080
2.4.2 Recommend Calculation Tools		12				8					20	\$4,160	\$0		\$0	\$0	\$4,160
Task 2.4 - Subtotal	0	32	0	0	0	16	0	0	0	0	48	\$10,240	\$0	\$0	\$0	\$0	\$10,240
TASK 2.5 Identification of Next Steps for Future IRWMP Updates																	
2.5.1 Identify Next Steps		24				16				0	40	\$8,320	\$0		\$0	\$0	\$8,320
Task 2.5 - Subtotal	0	24	0	0	0	16	0	0	0	0	40	\$8,320	\$0	\$0	\$0	\$0	\$8,320
Task 2.6 Prepare Technical Memorandum																	
2.6.1 Prepare Draft Technical Memorandum		16				32			8	8	64	\$10,320	\$0	\$145	\$15	\$160	\$10,480
2.6.2 Prepare Final Technical Memorandum		8				16			8	4	36	\$5,520	\$0	\$200	\$20	\$220	\$5,740
	0	24	0	0	0	48	0	0	16	12	100	\$15,840	\$0	\$345	\$35	\$380	\$16,220
Task 2.7 Project management, QA/QC																	
2.7.1 Project management, QA/QC		24				16			6		46	\$8,860	\$0	\$0	\$0	\$0	\$8,860
Task 2.6 - Subtotal	0	24	0	0	0	16	0	0	6	0	46	\$8,860	\$0	\$0	\$0	\$0	\$8,860
All Phases Total	0	254	0	0	0	242	0	0	22	12	530	\$102,620	\$0	\$345	\$35	\$380	\$103,000

CLIENT Name: Castaic Lake Water Agency
 PROJECT Description: USCR IRWMP UPDATE, SALT AND NUTRIENT MANAGEMENT PLAN Task
 Proposal/Job Number: 1089052*00 Date: 9/28/2010

January 1, 2009 Rates	Eng-Sci-9	Eng-Sci-8	Eng-Sci-7	Eng-Sci-6	Eng-Sci-5	Eng-Sci-4	Eng-Sci-3	Eng-Sci-2	Eng-Sci-1	Project Admin.	Admin. Assist.	Total	KJ Total Labor	KJ Comm. Charges	KJ Sub-Markup	KJ ODCs	KJ ODCs Markup	Total Expenses	Total Labor + Expenses
Classification:																			
Hourly Rate:	\$245	\$240	\$220	\$205	\$180	\$160	\$140	\$125	\$115	\$90	\$80	Hours	Fees	0%	10%	Fees	10%		Fees
Task 3.1 - Establish Objectives (and stakeholder roles and responsibilities)																			
Objectives and roles and responsibilities		16			8		8					32	\$6,400	\$0	\$0	\$2,000	\$200	\$2,200	\$8,600
Task 3.1 - Subtotal	0	16	0	0	8	0	8	0	0	0	0	32	\$6,400	\$0	\$0	\$2,000	\$200	\$2,200	\$8,600
Task 3.2 - Salt and Nutrient Source Identification																			
Salt and nutrient source identification		4				80		16				100	\$15,760	\$0	\$0		\$0	\$0	\$15,760
Task 3.2 - Subtotal	0	4	0	0	0	80	0	16	0	0	0	100	\$15,760	\$0	\$0	\$0	\$0	\$0	\$15,760
Task 3.3 - Summarize Existing Groundwater Monitoring																			
Summarize existing GW monitoring programs		4				52		12				68	\$10,780	\$0	\$0		\$0	\$0	\$10,780
Task 3.3 - Subtotal	0	4	0	0	0	52	0	12	0	0	0	68	\$10,780	\$0	\$0	\$0	\$0	\$0	\$10,780
Task 3.4 - Summarize Existing Groundwater Quality Data																			
Summarize existing GW quality data		4				88		16				108	\$17,040	\$0	\$0		\$0	\$0	\$17,040
Task 3.4 - Subtotal	0	4	0	0	0	88	0	16	0	0	0	108	\$17,040	\$0	\$0	\$0	\$0	\$0	\$17,040
Task 3.5 - Evaluate Constituent Effects on Groundwater																			
Evaluate Constituent Effects on GW	4	16				120						140	\$24,020	\$0	\$0		\$0	\$0	\$24,020
Task 3.5 - Subtotal	4	16	0	0	0	120	0	0	0	0	0	140	\$24,020	\$0	\$0	\$0	\$0	\$0	\$24,020
Task 3.6 - Develop Recommended Groundwater Monitoring Plan																			
Draft & Final Monitoring Plan		16		24		60		8		8	8	124	\$20,720	\$0	\$0	\$2,000	\$200	\$2,200	\$22,920
Task 3.6 - Subtotal	0	16	0	24	0	60	0	8	0	8	8	124	\$20,720	\$0	\$0	\$2,000	\$200	\$2,200	\$22,920
Task 3.7 - Anti-degradation Analysis																			
Anti-degradation Analysis		16		20		30		8				74	\$13,740	\$0	\$0		\$0	\$0	\$13,740
Task 3.7 - Subtotal	0	16	0	20	0	30	0	8	0	0	0	74	\$13,740	\$0	\$0	\$0	\$0	\$0	\$13,740
Task 3.8 - Prepare Salt Nutrient Management Plan for Submittal to RWQCB																			
Prepare Plan for Submittal to RWQCB		32		40		80		16		8	8	184	\$32,040	\$0	\$0	\$2,000	\$200	\$2,200	\$34,240
Task 3.8 - Subtotal	0	32	0	40	0	80	0	16	0	8	8	184	\$32,040	\$0	\$0	\$2,000	\$200	\$2,200	\$34,240
Task 3.9 - Project Management, Meetings, and QA/QC																			
Project Management, Meetings, and QA/QC	16	48								8	8	80	\$16,800	\$0	\$0	\$1,000	\$100	\$1,100	\$17,900
Task 3.9 - Subtotal	16	48	0	0	0	0	0	0	0	8	8	80	\$16,800	\$0	\$0	\$1,000	\$100	\$1,100	\$17,900
All Tasks Total	20	156	0	84	8	510	8	76	0	24	24	910	\$157,300	\$0	\$0	\$7,000	\$700	\$7,700	\$165,000

CLIENT Name: Castaic Lake Water Agency
 PROJECT Description: USCR IRWMP UPDATE_TASK 4
 Proposal/Job Number: 1089052*00 Date: 9/28/2010

January 1, 2010 Rates	Eng-Sci-9	Eng-Sci-8	Eng-Sci-7	Eng-Sci-6	Eng-Sci-5	Eng-Sci-4	Eng-Sci-3	Eng-Sci-2	Project Admin.	Admin. Assist.	Total	KJ Total Labor	KJ Comm. Charges	Sub Contr. #1	KJ Sub-Markup	KJ ODCs	KJ ODCs Markup	Total Expenses	Total Labor + Expenses
Classification:																			
Hourly Rate:	\$245	\$240	\$220	\$205	\$180	\$160	\$140	\$105	\$90	\$80	Hours	Fees	0%	Fees	10%	Fees	8%		Fees
Task 4 - IRWMP 2010 Update																			
Subtask 4.1 Address New IRWMP Plan Standards and update existing plan																			
Subtask 4.2 - Incorporate Technical Studies into IRWMP (Tasks 2 & 3)						40					40	\$6,400	\$0		\$0	\$0	\$0	\$0	\$6,400
Subtask4.3 - Integrate/Re-Prioritize Projects						40					40	\$6,400	\$0		\$0	\$0	\$0	\$0	\$6,400
Subtask4.4 - Stakeholder Meetings											56	\$11,520	\$0		\$0	\$0	\$0	\$0	\$11,520
Subtask 4.5- Prepare Draft & Final IRWMP Document			32			24					56	\$11,520	\$0		\$0	\$0	\$0	\$0	\$11,520
Subtask 4.6 -Direct Project Management			48			48					96	\$19,200	\$0		\$0	\$0	\$0	\$0	\$19,200
						8			40		48	\$4,880	\$0		\$0	\$750	\$60	\$810	\$5,690
			30			32				4	66	\$12,640	\$0		\$0	\$140	\$11	\$151	\$12,791
											0	\$0	\$0		\$0	\$0	\$0	\$0	\$0
											0	\$0	\$0		\$0	\$0	\$0	\$0	\$0
Task 4 - Subtotal	0	110	0	0	0	192	0	0	40	4	346	\$61,040	\$0	\$0	\$0	\$890	\$71	\$961	\$62,000
All Tasks Total	0	110	0	0	0	192	0	0	40	4	346	\$61,040	\$0	\$0	\$0	\$890	\$71	\$961	\$62,000